MATERIAL SAFETY DATA SHEET

MICRON CSC HS BLACK



Akzo Nobel Coatings International Paint LLC 2270 Morris Avenue P. O. Box 386 Union, NJ 07083 Sales Order: {SalesOrd}

MSDS Revision No:

A1 -3

MSDS Revision Date:

12/02/2011

MSDS Revision Date:

EMERGENCY NUMBERS:

 (800) 424–9300
 CHEMTREC (USA)

 (703) 527–3887
 CHEMTREC (Intl)

 (800) 854–6813
 Poison Control Center

 CUSTOMER SERVICE:
 (Non–Emergency)

 (800) 589–1267
 International Paint

 (800) 631–7481
 Interlux

1. GENERAL INFORMATION

Product Identity: MICRON CSC HS BLACK

Bulk Sales Reference No: YBC583

IMPORTANT: Read this MSDS before handling or disposing of this product, and provide this information to the employee, customers, and users of this product. PLEASE NOTE THE MSDS REVISION NUMBER AT THE TOP OF THIS PAGE. If the MSDS Revision Number posted at the top of this page does not match the MSDS Revision Number on the product label, please contact Customer Service at the phone number included above for the correct MSDS. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard.

NOTICE: OSHA hazardous chemicals are listed in Section 2 if present at 1% or more. Carcinogens and extraordinarily/special hazardous chemicals are listed in Section 2 if present at .1% or more. Additional regulatory information for specific chemical categories is included in Section 15.

2. HAZARDOUS INGREDIENT INFORMATION

CAS No.	Ingredient Name & %	Source	Exposure Data
0000100–41–4		OSHA:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		ACGIH:	100 ppm TWA125 ppm STEL
		NIOSH:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL)
		Supplier:	No Established Limit
		OHSA, CAN:	100 ppm TWA125 ppm STEL
	Benzene, ethyl– 1.0 – 10% by Weight	Mexico:	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m STEL
		Brazil:	78 ppm TWA; 340 mg/m3 TWA
		Source	Health Data
		NIOSH:	Eye skin
		Source	Carcinogen Data
		OSHA:	Select Carcinogen: Yes
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No
		IARC:	Group 1: No; Group 2A: No; Group 2b: Yes; Group 3: No; Group 4: No
			Group 20. res, Group 3. No, Group 4. No
CAS No.	Ingredient Name & %	Source	
CAS No.	Ingredient Name & %	Source OSHA:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume)
CAS No.	Ingredient Name & %		Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction)
CAS No.	Ingredient Name & %	OSHA:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH
CAS No.	Ingredient Name & %	OSHA: ACGIH: NIOSH: Supplier:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit
	ŭ	OSHA: ACGIH: NIOSH:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable)
CAS No. 0001314-13-2	Ingredient Name & % Zinc oxide 1.0 – 10% by Weight	OSHA: ACGIH: NIOSH: Supplier:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit
	Zinc oxide	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable) 5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume) No Established Limit
	Zinc oxide	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable) 5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume)
	Zinc oxide	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil:	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable) 5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume) No Established Limit
	Zinc oxide	OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN: Mexico: Brazil: Source	Exposure Data 5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (fume) 2 mg/m3 TWA (respirable fraction)10 mg/m3 STEL (respirable fraction) 5 mg/m3 TWA (dust and fume)10 mg/m3 STEL (fume)15 mg/m3 Ceiling (dust)500 mg/m3 IDLH No Established Limit 2 mg/m3 TWA (respirable)10 mg/m3 STEL (respirable) 5 mg/m3 TWA (fume); 10 mg/m3 TWA (dust)10 mg/m3 STEL (fume) No Established Limit Health Data

		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	No Established Limit		
		ACGIH:	No Established Limit		
		NIOSH:	0.1 mg/m3 TWA (fume, as Cu)		
		Supplier:	No Established Limit		
0001317–38–0	O a serio a serio da	OHSA, CAN:	No Established Limit		
	Copper oxide 1.0 – 10% by Weight	Mexico:	No Established Limit		
	1.5 1676 by Wolgin	Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
0/10/10.	ingredient rame a 70	OSHA:	No Established Limit		
		ACGIH:	No Established Limit No Established Limit		
		NIOSH:	No Established Limit No Established Limit		
		Supplier:	No Established Limit		
		OHSA, CAN:	No Established Limit		
0001317-39-1	Copper oxide (Cu2O)	Mexico:	No Established Limit		
	25 – 50% by Weight	Brazil:	No Established Limit		
		Source	Health Data		
		NIOSH:	No Established Limit		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No		
CAS No.	Ingredient Name & %	Source	Exposure Data		
		OSHA:	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL		
		ACGIH:	100 ppm TWA150 ppm STEL		
		NIOSH:	No Established Limit		
		Supplier:	No Established Limit		
		OHSA, CAN:	100 ppm TWA150 ppm STEL		
0001330-20-7	Xylenes (o-, m-, p- isomers)	Mexico:	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL		
	10 – 25% by Weight	Brazil:	78 ppm TWA; 340 mg/m3 TWA		
		Source	Health Data		
		NIOSH:	Central nervous system depressant; respiratory and eye irritation		
		Source	Carcinogen Data		
		OSHA:	Select Carcinogen: No		
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No		
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: Yes; Group 4: No		
CACAL	In our die at New 2007	Carras	Function Delta		
CAS No.	Ingredient Name & %	Source	Exposure Data		

		OSHA:	3.5 mg/m3 TWA	
		ACGIH:	-	
			3.5 mg/m3 TWA 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in preser	
		NIOSH:	Polycyclic aromatic hydrocarbons, as1750 mg/m3 IDLH	
		Supplier:	No Established Limit	
	Carbon black	OHSA, CAN:	3.5 mg/m3 TWA	
0001333-86-4	0.10 – 1.0% by Weight	Mexico:	3.5 mg/m3 TWA7 mg/m3 STEL	
	ence there by mangine	Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	Lung cardiovascular	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: Yes	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
			Group 1: No; Group 2A: No;	
		IARC:	Group 2b: Yes; Group 3: No; Group 4: No	
CAS No.	Ingredient Name & %	Source	Exposure Data	
	mg/canerio	OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	
		ACGIH:	10 mg/m3 TWA	
		NIOSH:	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	
		Supplier:	No Established Limit	
		OHSA, CAN:	10 mg/m3 TWA (total dust)	
0007727-43-7	Barium sulfate	Mexico:	No Established Limit	
	10 – 25% by Weight	Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	Eye nose	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: No	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
			Group 1: No; Group 2A: No;	
		IARC:	Group 2b: No; Group 3: No; Group 4: No	
CAS No.	Ingredient Name & %	Source	Exposure Data	
		OSHA:	No Established Limit	
		ACGIH:	No Established Limit	
		NIOSH:		
			No Established Limit	
		Supplier:	No Established Limit No Established Limit	
		Supplier: OHSA, CAN:		
0008047-99-2	ETHYLTOLUENESULFONAMIDE	• •	No Established Limit	
0008047–99–2	ETHYLTOLUENESULFONAMIDE 1.0 – 10% by Weight	OHSA, CAN:	No Established Limit No Established Limit	
0008047–99–2		OHSA, CAN: Mexico:	No Established Limit No Established Limit No Established Limit	
0008047-99-2		OHSA, CAN: Mexico: Brazil:	No Established Limit No Established Limit No Established Limit No Established Limit	
0008047–99–2		OHSA, CAN: Mexico: Brazil: Source NIOSH:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data	
0008047–99–2		OHSA, CAN: Mexico: Brazil: Source NIOSH: Source	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data	
0008047–99–2		OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No	
0008047-99-2		OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No	
0008047-99-2		OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No	
0008047-99-2 CAS No.	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No	
		OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data	
	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit	
	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit No Established Limit	
	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC: Source OSHA: ACGIH: NIOSH:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit No Established Limit No Established Limit	
	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC: Source OSHA: ACGIH: NIOSH: Supplier:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit No Established Limit	
CAS No.	1.0 – 10% by Weight	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC: Source OSHA: ACGIH: NIOSH: Supplier: OHSA, CAN:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit exposure by all routes should be carefully controlled to levels as low as possible	
	1.0 – 10% by Weight Ingredient Name & %	OHSA, CAN: Mexico: Brazil: Source NIOSH: Source OSHA: NTP: IARC: Source OSHA: ACGIH: NIOSH: Supplier:	No Established Limit No Established Limit No Established Limit No Established Limit Health Data No Established Limit Carcinogen Data Select Carcinogen: No Known Carcinogen: No; Suspected Carcinogen: No Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No Exposure Data No Established Limit	

		Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	No Established Limit	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: No	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No	
CAS No.	Ingredient Name & %	Source	Exposure Data	
		OSHA:	No Established Limit	
		ACGIH:	No Established Limit	
		NIOSH:	No Established Limit	
		Supplier:	No Established Limit	
		OHSA, CAN:	No Established Limit	
0065997-17-3	Glass, oxide, chemicals 1.0 – 10% by Weight	Mexico:	No Established Limit	
	1.0 – 10% by Weight	Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	No Established Limit	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: No	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
		IARC:	Group 1: No; Group 2A: No; Group 2b: No; Group 3: No; Group 4: No	
CAS No.	Ingredient Name & %	Source	Exposure Data	
	ŭ	OSHA:	No Established Limit	
		ACGIH:	No Established Limit	
		NIOSH:	No Established Limit	
		Supplier:	No Established Limit	
		OHSA, CAN:	No Established Limit	
TS-RV0611	Polymer	Mexico:	No Established Limit	
	1.0 – 10% by Weight	Brazil:	No Established Limit	
		Source	Health Data	
		NIOSH:	No Established Limit	
		Source	Carcinogen Data	
		OSHA:	Select Carcinogen: No	
		NTP:	Known Carcinogen: No; Suspected Carcinogen: No	
		NIF.	Group 1: No; Group 2A: No;	
		IARC:	Group 2b: No; Group 3: No; Group 4: No	

3. HAZARD IDENTIFICATION

Overview:	brain and nervous syste		upational overexposure to solvents with permanent erately concentrating and inhaling the contents may be	ıe
Inhalation:	Harmful if inhaled. Caus headache or nausea.	es nose and throat irritation. Vapors ma	y affect the brain or nervous system causing dizzines	SS,
Eyes:	Causes severe eye irrita	ation. Avoid contact with eyes.		
Skin:	Causes skin irritation. M	lay cause allergic skin reaction. May be	harmful if absorbed through the skin.	
Ingestion:	Harmful if swallowed. M the mouth, stomach tiss		ting, diarrhea, or drowsiness. Can result in irritation o	of
Chronic Effects:		. Contains an ingredient which may caus redient). Risk of cancer depends on dura	se cancer based on animal data (See Section 2 and attion and level of exposure.	
HMIS Rating:	Health: 2*	Flammability: 3	Reactivity: 0	

4. FIRST AID MEASURES

General:	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin:	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion:	If swallowed, immediately contact Poison Control Center at 1–800–854–6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Respiratory:	Select equipment to provide protection from the ingredients listed in Section 2 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1–800–243–4630, in Canada call 1–800–267–4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.
Eyes:	Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this document. Depending on the site–specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin/Hand:	Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 2 of this document. Depending on the site–specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Engineering Controls:	Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.
Other Work Practices:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

6. FIRE AND EXPLOSION INFORMATION

Flash Point:	F: 80
	C: 27
Lower Explosive Limit (LEL):	1 (%vol in air) at Normal Atmospheric Temp and Pressure
Fire and Explosion Hazards:	Flammable liquid and vapor. HIGHLY FLAMMABLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.
Fire Fighting Procedures:	CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. CAUTION: For mixtures containing alcohol or polar solvent, alcohol–resistant foam may be more effective. SMALL FIRES: Use dry chemical, CO2, water spray or regular foam. LARGE FIRES: Use water spray, fog, or regular foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Also Reference Emergency Response Guide Number: 128

7. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid Black
pH:	No Established Limit
Specific Gravity:	1.85509
Boiling Point (F):	279
Vapor Density:	Heavier than air
VOC Content (lbs):	Refer to the Technical Data Sheet for this product.

YBC583 A1

Evaporation Rate: Slower than ether

VOHAP content (gm/litre of paint):324.59 (as supplied)

VOHAP content (gm/litre of Solid Coating): 521.07 (as supplied)

8. STABILITY AND REACTIVITY DATA

General: This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive

heat and fumes generation can occur if improperly handled.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition: May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon

Dioxide and Carbon Monoxide.

9. HANDLING AND STORAGE

Storage Temperature: Store between 40–100F (4–38C).

Handling and Storage Precautions:

Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build—up of vapors by opening all windows and doors to achieve cross—ventilation. Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin. Close container after each use. Wash thoroughly after handling.

10. TOXICOLOGICAL DATA

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Section 2 for chemical specific data.

11. ECOLOGICAL DATA

General: Not Defined No additional information provided for this product. See Section 2 for chemical specific data.

12. ACCIDENTAL RELEASE MEASURES

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Spill Response Procedures: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A

vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other

non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

CALL CHEMTREC at (800)–424–9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

Public Safety: Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

Also, Reference Emergency Response Guide Number: 128

13. DISPOSAL CONSIDERATION

Waste Disposal:

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. TRANSPORTATION INFORMATION

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name: PAINT		IMDG Proper Shipping PAINT	Name:
DOT Hazard Class:	3	IMDG Hazard Class:	3 - Flammable and Combustible liquid

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UN / NA Number: UN 1263 UN Number: UN 1263

DOT Packing Group: III IMDG Packing Group: III

CERCLA/DOT RQ: 46 gal. / 709 lbs. System Reference Code: 2

15. REGULATORY INFORMATION

The regulatory data in Section 15 is not intended to be all–inclusive, only selected regulations are represented. All

ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed

on the TSCA Inventory.

Note: Any chemical ingredients listed in Section 15, that do not also appear in Section 2, are contained in the product at a concentration below the applicable OSHA threshold level of 1%

or 0.1%.

WHMIS Classification: No Established Limit

Regulatory List Product Ingredients on List

DOT Marine Pollutants (10%):

Regulatory Overview:

(No Product Ingredients

Listed)

DOT Severe Marine Pollutants

(1%):

(No Product Ingredients

Listed)

EPCRA 311/312 Chemicals and

RQs (>.1%):

0007440-50-8 Copper: 5000 lb final RQ (no reporting of releases of this

hazardous substance is required if the diame

0000100-41-4 Benzene, ethyl- : 1000 lb final RQ; 454 kg final RQ

EPCRA 302 Extremely Hazardous (>.1%):

(No Product Ingredients

Listed)

EPCRA 313 Toxic Chemicals

(>.1%):

0007440-50-8 Copper

0000100-41-4 Benzene, ethyl-

Mass RTK Substances (>1%):

0007727–43–7 Barium sulfate 0000100–41–4 Benzene, ethyl–

0001314-13-2 Zinc oxide

Mass Extraordinarily Haz Sub

(>.01%):

0014464–46–1 Silica, cristobalite

Penn RTK Substances (>1%):

0007727-43-7 Barium sulfate 0000100-41-4 Benzene, ethyl-

0001314–13–2 Zinc oxide

Penn Special Hazardous Substances (>.01%):

(No Product Ingredients

Listed)

Rhode Island Hazardous Substances (>.1%):

0001333–86–4 Carbon black 0007440–50–8 Copper 0000100–41–4 Benzene, ethyl–

0001314–13–2 Zinc oxide

RCRA Status (%):

N.J. RTK Substances (>1%):

YBC583 A1

0007727-43-7 Barium sulfate 0000100-41-4 Benzene, ethyl-0001330-20-7 Xylenes (o-, m-, p- isomers) 0001314-13-2 Zinc oxide N.J. Special Hazardous Substances (>.01%): 0000111-76-2 2-Butoxyethanol 0001333-86-4 Carbon black 0000100-41-4 Benzene, ethyl-0014464-46-1 Silica, cristobalite 0001330-20-7 Xylenes (o-, m-, p- isomers) N.J. Env. Hazardous Substances (>.1%): 0007440-50-8 Copper 0000100-41-4 Benzene, ethyl-0001330-20-7 Xylenes (o-, m-, p- isomers) Proposition 65 - Carcinogens (>0%): 0007440-43-9 Cadmium 0001333-86-4 Carbon black 0000100-41-4 Benzene, ethyl-0007439-92-1 I ead 0014808-60-7 Quartz Proposition 65 - Female Repro Toxins (>0%): 0007439-92-1 Lead 0000108-88-3 Benzene, methyl-Proposition 65 - Male Repro Toxins (>0%): 0007440-43-9 Cadmium 0007439-92-1 Lead Proposition 65 - Developmental Toxins (>0%): 0007440-43-9 Cadmium 0007439-92-1 I ead 0000108-88-3 Benzene, methyl-

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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Head Office

International Paint, LLC, 6001 Antoine Drive, Houston, Texas 77091. http://www.international-pc.com or <a href="http://www.international-

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